

<b>FORM PTO-1449</b>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		
(Use several sheets if necessary)		
(37 CFR 1.98(b))		

ATTY. DOCKET NO.  
149733/97SERIAL NO.  
09/089,666APPLICANT  
Yoshiaki YAMAMOTOFILING DATE  
June 3, 1998GROUP  
2812**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

	DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
AL	4-11776	1/92	Japan	—	—	NO
AM	7-249763	9/95	Japan	—	—	NO
AN						
AO						
AP						

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

AR	
AS	
AT	

**EXAMINER****DATE CONSIDERED**

9/15/99

**EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary) (37 CFR 1.98(b))	

ATTY. DOCKET NO.  
149733/97

SERIAL NO.

09-089666b

APPLICANT  
Yoshiaki YAMAMOTOFILING DATE  
June 3, 1998

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
A	AA	4,855,798	08/89	IMAMURA et al.	—	—	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
A	AJ	59-126672	07/84	Japan	—	—	NO
A	AK	61-150216	07/86	Japan	—	—	NO
	AL						
	AM						
	AN						

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

AO	
AP	
AQ	

EXAMINER

DATE CONSIDERED

9-14-99

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